



## PROCESS CHANGE NOTICE (PCN)

PCN Number: 25024

Date Issued: 10/2/2025

Date Issued (+90 days) 12/31/2025

Means of distinguishing changed devices:

☐ Product Mark:

☐ Back Mark

☐ Date Code

☒ Lot Number

☒ Other: Ordering part number suffix change from 'R' to 'T'

Attachment: Yes ☐ No ☒

### Product(s) Affected

Ordering Part Number	
Before (Tape on Reel)	After (Tray)
MXL86280C-ABE-R	MXL86280C-ABE-T
MXL86250C-ABE-R	MXL86250C-ABE-T
MXL86282C-ABE-R	MXL86282C-ABE-T
MXL86252C-ABE-R	MXL86252C-ABE-T
MXL86282I-ABE-R	MXL86282I-ABE-T
MXL86252I-ABE-R	MXL86252I-ABE-T
MXL86282S-ABE-R	MXL86282S-ABE-T
MXL86252S-ABE-R	MXL86252S-ABE-T
MXL86281S-ABE-R	MXL86281S-ABE-T
MXL86252L-ABB-R	MXL86252L-ABB-T
MxL86282L-ABB-R	MxL86282L-ABB-T
MXL86288L-ABB-R	MXL86288L-ABB-T

### Description of Change

- Tray packing improves handling robustness and reduces mechanical stress, providing reliable delivery that aligns with customer expectations. Therefore, MaxLinear decided to convert the packing type for MxL862xx 2.5 Gigabit Ethernet Switch exposed die variants from tape-and-reel to tray.
- The ordering part numbers listed in the table above will change from 'R' to 'T' to reflect the new packing method.

### Impact of Change

There is no change to the form, fit, function, process, or reliability of the product due to this update. Only the MOQ and the MaxLinear ordering part number are affected.

### Purpose of Change

Improves handling robustness and reduces mechanical stress on the package, ensuring product quality and reliability.

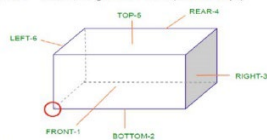
### Change Details

Item	Current	New/Additional
Assembly Process		No change
BOM Material Change		No change
Datasheet		The 'R' ordering part numbers will be replaced by 'T' ordering part numbers.
External Hardware		No change
Form, Fit or Function		No change
Manufacturing Site		No change
Marking		No change
Performance		No change
Product Design		No change
Software		No change
Testing		No change
Wafer Fabrication		No change
Other:	<b>Packing type:</b> Tape on Reel <b>MOQ:</b> 2000	<b>Packing type:</b> Tray <b>MOQ:</b> 1680

### Reliability/Qualification Summary

- Tray packing was evaluated using the drop test method outlined in ISTA-2A. **The test confirmed that product appearance and functionality remained within outgoing specifications, validating the packing's suitability for handling and transit.**

– Drop sequence : 1 corner, 3 edges and 6 faces (Total 10 drops)



Drop sequence	Drop surface	Drop sequence	Drop surface
1	Corner (1-3-6)	6	Right face
2	Edge (1-6)	7	Front face
3	Edge (2-6)	8	Rear face
4	Edge (1-2)	9	Bottom face
5	Left face	10	Top face



## Samples and Support

Contact our Customer Support team by creating a support ticket at <http://www.maxlinear.com/support/createcase>

Phone: 1-760-692-0711

Customers are advised to acknowledge receipt of this notification within 30 days of delivery of the notice. Lack of acknowledgement within 30 days constitutes acceptance of this change without further action. After acknowledgement, lack of additional communication within 90 days of acknowledgment can be considered as acceptance of change.

Please submit this information to the contact above with the following information:

Customer: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

☐ Approval for shipments prior to effective date

Customer Comments (Optional):